

| Ref # | Hits   | Search Query                           | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|---|------------------|---------|------------------|
| L1    | 18     | cowley near andrew.in.                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/20 11:24 |
| L2    | 75     | dalton near timothy.in.                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/20 11:25 |
| L3    | 8      | kaldor near steffen.in.                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/20 11:26 |
| L4    | 14     | kumar near kaushik.in.                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/20 11:26 |
| L5    | 19     | rossnagel near stephen.in.             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/20 11:27 |
| L6    | 270    | simon near andrew.in.                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/20 11:28 |
| L7    | 0      | tulipe near doughlas.in.               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/20 11:28 |
| L8    | 168036 | "438"/\$.ccls.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/20 11:29 |
| L9    | 1      | (ild) near15 (tan) near5<br>(hardmask) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/20 11:30 |

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| L10 | 0     | (ild) near15 (tan) near5 (hard-mask)      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 11:30 |
| L11 | 0     | (ild) near15 (tan) near5 (hard near mask) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 11:30 |
| L12 | 67    | (ild) near15 (hardmask)                   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 11:35 |
| L13 | 34    | 12 and tan                                | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 11:30 |
| L14 | 99    | (ild or interlayer) near15 (hardmask)     | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 11:36 |
| L15 | 17166 | (alignment near mark\$1)                  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 11:36 |
| L16 | 1     | 14 and 15                                 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 11:36 |
| L17 | 6245  | (ild or interlayer) near15 (mask)         | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 11:36 |
| L18 | 6779  | (ild or interlayer) near25 (mask)         | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 11:37 |
| L19 | 6245  | 17 and 18                                 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 11:43 |

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| L20 | 616 | 19 and (tantalum near nitride)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/20 11:38 |
| L21 | 346 | 8 and 20   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/20 11:44 |
| L22 | 156 | 15 and 18  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/20 11:43 |
| L23 | 67  | 8 and 22   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/20 12:38 |
| L24 | 128 | (tan or tantalum) near15 (ild)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/20 12:39 |
| L25 | 1   | ((tan or tantalum) near15 (ild))<br>near25 (transparent)                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/20 12:39 |
| L26 | 10  | ((tan or tantalum) near15 (ild))<br>and (transparent)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/20 12:42 |
| L27 | 13  | ((tan or tantalum) near15 (ild))<br>and (wavelength)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/20 12:42 |
| L28 | 17  | ((tan or tantalum) near15 (ild or<br>interlayer)) and ((wavelength)<br>near25 (transparent)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/20 12:43 |
| L29 | 17  | ((tan or tantalum) near15 (ild or<br>interlayer)) and ((wavelength)<br>near15 (transparent)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/20 12:44 |

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|-----|----|---|---|----|----|------------------|
| L30 | 2  | ((tan or tantalum) near15 (ild or interlayer)) same ((wavelength) near15 (transparent))           | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 12:44 |
| L31 | 1  | (transparent) near25 ((tan or tantalum) near15 (ild or interlayer)) same (wavelength)             | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 12:45 |
| L32 | 14 | (transparent) near25 ((tan or tantalum) near15 (ild or interlayer)) and (wavelength)              | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 12:46 |
| L33 | 14 | (transparent) near15 ((tan or tantalum) near15 (ild or interlayer)) and (wavelength)              | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 12:45 |
| L34 | 4  | 33 and mark   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 12:47 |
| L35 | 11 | (transparent) near25 ((tan or tantalum near nitride) near15 (ild or interlayer)) and (wavelength) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 12:47 |
| L36 | 1  | 35 and mark   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 12:47 |
| L37 | 11 | (transparent) near55 ((tan or tantalum near nitride) near15 (ild or interlayer)) and (wavelength) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 12:56 |
| L38 | 0  | (hardmask) near15 (cvd) near15 (tantalum or ta)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 12:57 |
| L39 | 1  | (hardmask) near15 (cvd or vapor) near15 (tantalum or ta)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 12:57 |

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|-----|----|---|---|----|----|------------------|
| L40 | 80 | (hardmask) near15 (cvd or vapor) and (tantalum or ta)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 12:58 |
| L41 | 1  | (hardmask) near15 (cvd or vapor) and ((tantalum or ta) near15 (nitrogen))                                 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 13:00 |
| L42 | 91 | (mask) near15 (cvd or vapor) and ((tantalum or ta) near15 (nitrogen))                                     | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 13:03 |
| L43 | 11 | 42 and marks  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 13:03 |
| L44 | 11 | 42 and mark   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 13:03 |
| L45 | 79 | (mask) near15 (cvd or chemical\$3 near vapor) and ((tantalum or ta) near15 (nitrogen))                    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 13:03 |
| L46 | 0  | (mask) near15 (thickneaa) near25 (cvd or chemical\$3 near vapor) and ((tantalum or ta) near15 (nitrogen)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 13:03 |
| L47 | 63 | (mask) near15 (thick\$4) near25 (cvd or chemical\$3 near vapor) and ((tantalum or ta) near15 (nitrogen))  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 13:10 |
| L48 | 47 | 47 and (wavelength)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 13:04 |
| L49 | 0  | 47 and ((wavelength) near15 (resistiv\$3))  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/20 13:04 |

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| L50 | 0  | 47 and ((wavelength) near15 (resist\$3)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/20 13:05 |
| L51 | 0  | 47 and ((wavelength) near35 (resist\$3)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/20 13:05 |
| L52 | 44 | 47 and ((wavelength) and (resist\$3))    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/20 13:05 |
| L53 | 0  | 47 and (less near than)                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/20 13:10 |
| L54 | 0  | 47 and (less near5 than)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/20 13:11 |
| L55 | 0  | 47 and (less near3 than)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/20 13:11 |
| L56 | 0  | 47 and (less near5 than)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/20 13:11 |
| L57 | 61 | 47 and (less)                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/20 13:11 |
| L58 | 8  | 47 and ((less) near15 (tantalum or ta))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/20 13:11 |